

- 1 -  
piece 1, NC\_000913, dsdC\_dsdX+, config: linear, direction: +, begin: 2475622, end: 2475888

5' \* \*2475630 \* \*2475640 \* \*2475650 \* \*2475660 \* \*2475670 \* \*2475680 \* \*2475690 \* \*2475700  
- pro - ile - ser - tyr - phe - thr - lys - gly - phe - his - asn - his - leu - ile - phe - arg - leu - ser - val - lys - lys - fMet -  
- arg - phe - leu - ile - ser - arg - arg - gly - ser - ile - ile - thr - ser - phe - phe - ala - -fMet -  
- asp - phe - leu - phe - his - glu - gly - val - pro - -

... ] NC\_000913.dsdC



{ ----- ... sd-(14)-ir 2475704 Gap

| ----- ... sd-ir 2475704 dsdC\_dsdX+  
| ----- ... sd

p35 4.5 bits  
p10 5.5 bits  
{-----} p35-(23)-p10 2475650 Gap 1.4 bits  
|-----| p35-p10 2475650 total 8.5 bits

5' \* \*2475710 \* \*2475720 \* \*2475730 \* \*2475740 \* \*2475750 \* \*2475760 \* \*2475770 \* \*2475780 3'  
- fMet - arg - ser - fMet - ser - fMet - asn - his - ile - ser - ile - his - leu - his - phe - fMet - met - gln - phe - thr - ser -  
- fMet - arg - ser - fMet - ser - fMet - asn - his - ile - ser - ile - his - leu - his - phe - fMet - met - gln - phe - thr - ser -

... ir dsdC\_dsdX+  
... sd-(14)-ir 2475704 Gap 4.9 bits

... sd-ir 2475704 dsdC\_dsdX+ total 6.4 bits

... sd

{-----} orf 3 codons  
{-----} ir dsdC\_dsdX+  
{-----} sd-(8)-ir 2475719 Gap 2.4 bits  
{-----} sd-ir 2475719 dsdC\_dsdX+ total 5.4 bits

p35 4.1 bits  
{-----} ... p35-(22)-p10 2475799 Gap  
{-----} ... p35-p10 2475799 total 5.0 bits

5' \* \*2475790 \* \*2475800 \* \*2475810 \* \*2475820 \* \*2475830 \* \*2475840 \* \*2475850 \* \*2475860 3'  
- fMet - cys - glu - arg - gln - ile - leu - ser - phe - val - ser - leu - arg - cys - phe - phe - val - gln - tyr - his - gln - val - asn - his - arg - gly - arg -  
- fMet - lys - gly - lys - phe - tvt - arg - leu - ser - ala - cys - val - val - phe - leu - ser - asn - ile - ile - arg - leu - ile - thr - alv - glu - gly - glu -  
- fMet - lys - gly - lys - phe - tvt - arg - leu - ser - ala - cys - val - val - phe - leu - ser - asn - ile - ile - arg - leu - ile - thr - alv - glu - gly - glu -

... p10 3.2 bits  
... p35-(22)-p10 2475799 Gap 2.3 bits  
... p35-p10 2475799 total 5.0 bits

p35 5.5 bits  
{-----} p35-(26)-p10 2475834 Gap 3.7 bits  
{-----} p35-p10 2475834 total 5.2 bits

p10 3.4 bits  
sd

{-----} ... sd-(11)-ir 2475869 Gap  
{-----} ... sd-ir 2475869 dsdC\_dsdX+

5' \* \*2475870 \* \*2475880 \* 3'  
- arg - tyr - ala - leu - ser - asn - leu - gly -  
- fMet - his - ser - gln - ile - trp -  
- ile - cys - thr - leu - lys - ser - gly -  
{-----} ... NC\_000913.dsdX

... sd-(11)-ir 2475869 Gap 3.0 bits  
... sd-ir 2475869 dsdC\_dsdX+ total 9.3 bits

... ir dsdC\_dsdX+

